Project Manager Combined Arms Tactical Trainers (PM CATT)

COL Harold Buhl Jr.

PEO STRI Project Manager Combined Arms Tactical Trainers

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Agenda

- **PM CATT Organization**

- **PM CATT Vision and Mission**

- **TSIS 2014 Update**

- **TSIS 2015 Opportunities**

- **Potential Interest Areas**

PM CATT Organization Chart

Combined Arms Tactical Trainers

- **Ground Combat Tactical Trainers (GCTT)**
- **Air and Command Tactical Trainers (ACTT)**
- **Special Operations Forces Training Systems (STS)**
- **Medical Simulation (MedSim)**

- **APM Reserve Component (RC) Training Systems**
- **APM Combined Arms**

Vision and Mission

Vision

Tough Realistic Training

Mission

Team CATT Provides and Supports Responsive Immersive Training Simulation, Gaming, and Mission Rehearsal Capability to Meet Army, and Combatant Commander Needs.

2014 Updates

Program	Office	Status
SOF RAPTOR III	STS	Awarded FY14 (Feb)
SOF TEAMS II	STS	Awarded FY14 (May)
EST II	STS	Pending Award 3Q FY14
AFMMAST	MedSim	Pending Award 3Q FY14
TMTL	MedSim	Pending Award 4Q FY14
Stryker MTS	GCTT	Pending Award 4Q FY14
NCM3 Production	ACTT	Awarded FY14 (Mar)
RC-12X VTS	ACTT	Awarded FY14 (Mar)
UH-72 SFTS	ACTT	Pending Award 4Q FY14
AVCATT HVAC Upgrade	ACTT	Pending Award 4Q FY14

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2015 Opportunities

Program	Office	Potential $ Value
ACTT PDSS	ACTT	TBD
UH-72 VMT	ACTT	$3.5 M
WTCS	ACTT	$24.0 M
CCTT PDSS	GCTT	$45.0 M estimate
DSTS Recompete	GCTT	$49.3 M estimate
VHA SimLEARN	MEDSIM	$15.2 M
CATT EMD Integration and Update	CATT	$37.2 M estimate
VBCT PDRR	CATT	$14.7 M estimate

ACTT Post Deployment Software Support

Description/Summary of Program Requirements

PEO STRI has a requirement to provide PDSS for the fielded Air and Command Tactical Trainer (ACTT) systems. This effort will consist of PDSS primarily for the Aviation Combined Arms Tactical Trainer (AVCATT) and Non-Rated Crew Member Manned Module (NCM3) with options for future efforts to include PDSS for the Shadow Crew Trainer PDSS, UH-72A Synthetic Flight Training System (SFTS), and UH-72A Virtual Maintenance Trainer (VMT) programs.

ACQUISITION STRATEGY

- Competitive services contract with strict OCI clause
- IDIQ Outside of STOC
- Small Business Determination not yet made

PERIOD OF PERFORMANCE

- June 2015 – March 2016 (base task order)
- Four option years

MILESTONES

4QFY14	1QFY15	3QFY15
▲	▲	▲
Draft RFP Release	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM CATT

Phone: 407-384-3601

Email: CATT@peostri.army.mil

FUNDING

- RDTE
- OPA
- NGREA
- APA

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

L3 Communications

UH-72A Virtual Maintenance Trainer (VMT)

Description/Summary of Program Requirements

- Procurement of Virtual Maintenance Trainer (VMT)

- Initial institutional training of UH-72A maintenance personnel: Fourteen workstations

- Remote unit sustainment & update training via internet reach-back

- Exportable to Army sharable content object reference model (SCORM) compliant learning management system (LMS)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Use of existing STOC II, Lot II Vehicle	• Delivery of VMT institutional capability within fifteen months of contract award • Delivery of reach-back capability within twenty months of contract award	3QFY14 — Sources Sought Release ▲ 4QFY14 — RFP Release △ 1QFY15 — Contract Award △

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	NGREA	Market research

Wideband Training and Certification System (WTCS)

Description/Summary of Program Requirements

• The WTCS will provide an interactive training system for military and civilian operators on the Wideband SATCOM Operational Management System (WSOMS) and its associated subsystems.

• Support the Army's Military Occupational Specialty (MOS) 25S, the Satellite Systems Network Coordinator Course Additional Skill Identifier (ASI) 1C training course.

• The training system or applications will be virtualized for installation at the Wideband SATCOM Communications Operations Centers to be used for sustainment training and operator certification.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
In development	FY15 through FY17	3QFY14 — Sources Sought Released; TBD — RFP Release; TBD — Contract Award

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	OPA: $24.0 M	New Requirement

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CCTT Post Deployment Software Support

Description/Summary of Program Requirements

- Post Deployment Software Support (PDSS) of the Close Combat Tactical Trainer (CCTT) program. The CCTT program consists of the CCTT system, the Reconfigurable Vehicle Tactical Trainer (RVTT), and Dismounted Soldier Training System (DSTS)

- This effort will consist of system and software engineering, life cycle software support, testing, quality assurance, configuration management, replication, distribution, installation, training, publications support, integration of gaming technology, visual systems, and other associated programs with CCTT

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Evolutionary Strategy • Small Business Set Aside • Single award IDIQ with options	• Base period: Jul 15 – Jun 16 • Four one year options	1QFY15 △ Draft RFP Release 4QFY15 △ Contract Award

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	Approximately $45 M RDTE & OPA	Applied Visual Technology (AVT)

Dismounted Soldier Training System (DSTS) Block II

Description/Summary of Program Requirements

- DSTS provides a fully immersive, virtual environment for individual squad members to train individual tasks, collective tasks, and battle drills in the contemporary operational environment on computer-generated terrain. It allows Soldiers to freely move around in the virtual environment. The DSTS gives Soldiers the capability to employ weapons with and without optics, laser systems, and night vision equipment as two fire teams within an Infantry squad.

- This effort will develop virtual interoperability capabilities, research technology advances to increase DSTS performance, and investigate complementrary virtual training capabilities. Options for production.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Evolutionary Strategy • Full and Open Competition • Two awards under consideration	Base period: Jan 16-Jan 21	4QFY14 ▲ Draft RFP Release 1QFY16 ▲ Contract Award.

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	Approximately $49.3M RDTE & OPA	Intelligent Decisions, Inc

Veteran's Health Administration (VHA)

Description/Summary of Program Requirements

• The Under-Secretary for Health, VHA established the Simulation, Learning, Education, and Research Network (SimLEARN) Program in July 2009 to standardize clinical simulation training, education, and research. The SimLEARN Programs execute critical life saving training courseware to all Intensive Care Units (ICUs); Critical Care Units (CCUs); and Provider – Patient Medical Information Systems.

• Commercial contracts will be awarded for Clinical Training Programs and Training System Sustainment that supports Army operational and clinical research, development, and acquisition requirements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Contract Mods and New Contract Actions • Both Full and Open and Sole Source • Small Business Set Asides where possible • Multiple contract vehicles	• 3-year POP for BPAs • Base year plus options for commercial contracts	3&4QFY14 / FY15 Solicitations Released / Contracts Awarded

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	• VHA Funding • FY15 $15.2M	• Includes Calls and options on current contracts • Includes new BPAs and contracts • Includes OEM and Distributors

CATT EMD, Integration, and Upgrade

Description/Summary of Program Requirements

• Virtual and Gaming Enterprise solutions in engineering, manufacturing, development, integration and upgrade capability areas, are a critical need to ensure cyber-assurance, innovative and responsive acquisition, and Army efficiencies across the CATT portfolio.

• This effort will deliver portfolio solutions and capability options within a systems engineering construct applied across post deployment programs and their interoperability.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Full and Open Competitive Effort • Initial award for cyber-assurance requirement • IDIQ for other portfolio EMDIU	• Base award of two years (FY15-FY17) • Three one year options	**4QFY14** ▲ Draft RFP Release **1QFY15** ▲ RFP Release **3QFY15** △ Contract Award

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	• Estimated $37.2 M • RDTE & OPA • Possible OMA CLIN	New Requirement

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Virtual BCT Collective Trainer (VBCT)
Program Definition and Risk Reduction (PDRR)

Description/Summary of Program Requirements

• VBCT is the future immersive collective trainer for all BCT formations—Armor, Stryker, Infantry. The capability will focus on Battalion level fully immersive capabilities that can be scaled up to BCT, or down to Company, and provide all BCT enablers to train or conduct mission rehearsal on geospecific terrain.

• This effort is part of an emerging Army bridging strategy to find innovative and more cost effective solutions to virtual and game training for readiness of units. Key objectives will be to inform requirements, demonstrate technologies, and reduce risk as other acquisition baselines are synchronized in processes.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Small Business Set Aside • FPI and CPIF	• Base award of two years (FY15-FY17) • One option year	3QFY14 1QFY15 3QFY15 ▲ △ △ SSN RFP Release Contract Award

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM CATT Phone: 407-384-3601 Email: CATT@peostri.army.mil	• Estimated $14.7 M • RDTE and OPA	New Requirement

TSIS 2014 – Mid-Term Potential Interest Areas

Potential Capability	Potential Application
Augmented Reality	Squad Virtual Training
Man-Machine I/F for Tele-Operation	Force Protection
Distributed Operations & Maintenance	Training Efficiencies
Gaming Engines	Affordability
Haptics	Realism
Infinite Movement in Confined Space	Usability
Intuitive Systems	Trainability
Cognitive Stressors	Human Dimension
Embedded Training	Unit Flexibility

No Guarantee of Funded or Pursued Capabilities